

Team Name: sdmay23-22

Team Members: Kevin Czerwinski, Samuel Rosette, Abubaker Abdelrahman, Ryan Foster, Jack Riley, and Derek Thomas

Report Period: 09/16/2022-09/30/2022

Summary of Progress in this Period

- During this period we were able to set up a meeting with our Advisor and find out some specific details about our project and what we need to accomplish. We also got together to work on the team contract and decided that all of us will take some time to research ultrasonic sensors and existing ultrasonic radars to gain some background knowledge on the topic. We will also begin researching transducers to possibly use in a future stage of our project.

Pending Issues

- Nothing pending

Plans for Upcoming Reporting Period

- In the next couple of weeks we will rent out some basic arduino ultrasonic sensors and try to create some basic radars using these sensors to experiment with this type of technology. This will allow us to do some testing with the accuracy of an ultrasonic sensor as well as learn how to display the information properly.